MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER BUREAU

STREAMLINED WATER MAIN PERMIT CHECKLIST

Completion of this form is voluntary

For projects with up to 3,000' of either Ductile Iron or PVC water main with pipe diameter ≥ 6" and ≤12".

- Please complete this checklist to expedite permit processing and issuance.
- A Permit Application for Water Supply Systems must be completed and submitted with this form.
- For pre-approved standard specifications complete items 1 through 22.
- Without pre-approved standard specifications complete items 1 through 20 and 23 through 28.

PROJECT NAME: _____
(as entered on page one of application)

WATER SUPPLY NAME: _____ **WSSN:** _____

GENERAL (indicate by checking the box under Yes or NA)

	Yes	NA	
1	☐		Project will be owned by a utility
2	☐		P.E. seal with signature on plans (and specifications if included)
3	☐		All water mains will be constructed within rights-of-way or easements
4	☐		Total project water main length is less than 3,000 feet
5	☐		Water main material is either ductile iron meeting AWWA C151 or PVC meeting AWWA C900
6	☐		All water main pipe diameter is equal to or between 6 inches and 12 inches
7	☐		Plans show plan & profile views and indicate all major utility crossings and locations
8	☐		Depth of bury for all water mains is > 5 feet (if a U.P. project, 6 ft if D.I. and 7.5 ft if PVC)
9	☐		Spacing between valves is a maximum of 800 feet
10	☐		Spacing between hydrants is a maximum of 600 feet
11	☐		Hydrant drain holes plugged in areas of poorly drained soils or high groundwater table
12	☐		10 feet horizontal separation provided between all sewers and water mains
13	☐		18 inches vertical separation provided at all crossings of sewers and water mains
14	☐	☐	Water main project creates dead ends
15	☐		Water main will be disinfected and sampled in accordance with AWWA C651
16	☐	☐	Project conforms to water system master plan or reliability study (if available)

DESIGN ENGINEER CERTIFICATION

By sealing and signing this checklist I hereby certify to the best of my understanding, knowledge, and belief that the project information herein provided is correct and accurate.

17 _____
Signature of Design Engineer

18 _____
Printed or Typed Name of Design Engineer

19 _____
Printed or Typed Date of Signature (Month, Day and Year)

20 **Engineer's Seal**

DEQ PRE-APPROVED STANDARD SPECIFICATIONS

	Yes	No	
21	☐	☐	The name and date of the standard specifications are on the cover sheet of the plans

22 Name and date of Specification: _____

COMPLETE THIS SECTION IF PRE-APPROVED STANDARD SPECIFICATIONS ARE NOT BEING USED

23 WATER MAIN MATERIALS

Type & Class of Pipe:		DR or SDR Rating		AWWA Standard	(yes/no)	NSF Approved	(yes/no)
Ductile				C151		NSF-61	
PVC				C900		NSF-pw	

24 INSTALLATION

Yes	NA	
☐	☐	If ductile iron pipe, do installation procedures meet AWWA C600?
☐	☐	If PVC pipe, do installation procedures meet AWWA C605?
☐	☐	Are all apprutenances, including hydrants, valves, fittings, restraint control and corrosion control consistent with existing utility configuration and standards?

25 VALVES

Type	Size	Spacing (Min-Max Distance)	Restraint/Blocking Type

List the AWWA standard(s) to which valves will conform: _____

26 HYDRANTS

Type/Brand	Size	Spacing (Min-Max Distance)	Restraint/Blocking Type

List the AWWA standard(s) to which hydrants will conform: _____

27 JOINTS

Type	Size	Gasket Material	Restraint/Blocking Type

List the AWWA standard(s) to which joints will conform: _____

28 CRITICAL CROSSINGS (i.e, Railroad, Highway, River, etc.)

Type	Size	Gasket Material	Restraint/Blocking Type